PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2001335512 A

(43) Date of publication of application: 04.12.01

(51) Int. CI A61K 47/44 A61K 31/711 A61K 47/02

> A61K 47/10 A61K 47/18 A61K 47/24

A61K 47/28 A61K 48/00

// C12N 15/09

(21) Application number: 2000151973

(22) Date of filing: 23.05.00

(71) Applicant: YAMANOUCHI PHARMACEUT CO

LTD

(72) Inventor: NAGAI TSUNEJI

YONETANI YOSHIE

O SHUNPEI

TANAKA SHUNICHI

(54) MICROPARTICLE FOR TRANSDUCING GENE

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a carrier for an agent, a physiologically active substance, a gene or the like at low cost, having a high introduction or transduction efficiency of a useful substance and COPYRIGHT: (C)2001, JPO

preparable by simple operations.

SOLUTION: This microparticle for a pharmaceutical preparation is characterized as comprising a phospholipid, a cationic lipid and a polyethylene glycol binding lipid.